



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/733,745	12/11/2003	Stefan Unger	2001P10686WOUS	3509

7590 04/06/2007
SIEMENS CORPORATION
INTELLECTUAL PROPERTY DEPT.
170 WOOD AVENUE SOUTH
ISELIN, NJ 08830

EXAMINER	
CAO, DIEM K	

ART UNIT	PAPER NUMBER
2194	

SHORTENED STATUTORY PERIOD OF RESPONSE	MAIL DATE	DELIVERY MODE
3 MONTHS	04/06/2007	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

If NO period for reply is specified above, the maximum statutory period will apply and will expire 6 MONTHS from the mailing date of this communication.

Office Action Summary

Application No.

10/733,745

Applicant(s)

UNGER ET AL.

Examiner

Diem K. Cao

Art Unit

2194

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 11 December 2003.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-16 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-16 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

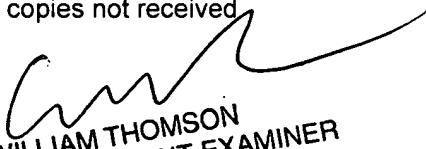
Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date 12/11/2003.


WILLIAM THOMSON
SUPERVISORY PATENT EXAMINER

- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: _____

DETAILED ACTION

1. Claims 1-16 are presented for examination.

Claim Objections

2. Claims 1-16 are objected to because of the following informalities: Claims 1 and 16 recite "HW" and "SW", those abbreviations should be spelled out.

Claim 1 further recites "the SW modules using internal interface to the call control functions of the exchange centre for execution of the functions" which is unclear as what the intention of the claim. Examiner interprets as "the SW modules using internal interface to call control functions of the exchange centre for execution of the functions" for examination purpose. Claim 16 also suffer the same problem of claim 1.

Claim 5 recites "the said applications" online 2, only one of "the" or "said" should be used instead of both.

Claims 6, 10, 11, 12, 13, 14, 15 suffer the same problem as claim 5.

Appropriate correction is required.

Claim Rejections - 35 USC § 102

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

4. Claims 1-16 are rejected under 35 U.S.C. 102(b) as being anticipated by Gbaguidi et al. (Integration of Internet and Telecommunications: An Architecture for Hybrid Services).

As to claim 1, Gbaguidi teaches an exchange centre comprising:

- a first platform (PSTN; Fig. 13 and page 1563, right column, second paragraph), and
- a second platform based on commercial HW and SW (Java Service Layer; page 1567, right column, paragraph 4) and the second platform containing one or more SW modules (hybrid services; page 1567, right column, paragraph 3 and pages 1571, left column, second paragraph) that provide external computers with applications with specific functions via open interfaces (API) (Hybrid Calendar Service; page 1574, right column, section A "Hybrid Calendar Service", Fig. 13, and associated text, common interface; page 1577, right column, paragraph 3), the SW modules using internal interface to call control functions of the exchange centre for execution of the functions (The major functionality ... two endpoints; page 1575, left column, paragraph 2 and The SCP ... to the user; page 1575, right column, first paragraph).

As to claim 2, Gbaguidi teaches the open interfaces are realized on the basis of an object-oriented SW technology (Java technology; page 1577, right column, paragraph 3).

As to claim 3, Gbaguidi teaches wherein the open interfaces can also be used locally by applications on the commercial platform to make use of functions of other applications (The SCP

Art Unit: 2194

is to send an event to the Java Service layer whenever a special trigger is detected; page 1575, left column, paragraph 2).

As to claim 4, Gbaguide teaches wherein a dedicated SW module supports the interworking of the applications on the commercial platform (scpCalendarService; page 1575, right column, paragraph 1 and HybridService ... Internet; page 1572). The interworking SW module provides a platform-internal interface for this purpose (The SCP is to send an event to the Java Service layer whenever a special trigger is detected; page 1575, left column, paragraph 2).

As to claim 5, Gbaguidi teaches wherein the applications involve protocol conversion applications (page 1574, right column, last paragraph – page 1575, left column, paragraphs 1-2 and Fig. 12).

As to claim 6, Gbaguidi teaches wherein the applications involves applications for a higher-level service functionality (Hybrid Calendar Service; page 1574, right column, section A “Hybrid Calendar Services”).

As to claim 7, see rejection of claim 3 above.

As to claims 8-9, see rejection of claim 4 above.

Art Unit: 2194

As to claims 10-12, see rejection of claim 5 above.

As to claims 13-15, see rejection of claim 6 above.

As to claim 16, see rejection of claim 1 above.

Conclusion

5. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. See PTO 892.

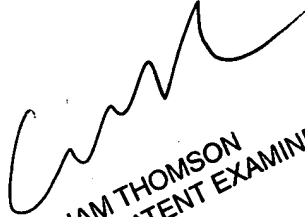
Any inquiry concerning this communication or earlier communications from the examiner should be directed to Diem K. Cao whose telephone number is (571) 272-3760. The examiner can normally be reached on Monday - Friday, 7:30AM - 3:30PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, William Thomson can be reached on (571) 272-3718. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Art Unit: 2194

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

DC
March 30, 2007



WILLIAM THOMSON
SUPERVISORY PATENT EXAMINER